

ABSTRACT OF THE DISCLOSURE

The present invention discloses a quad type liquid crystal display device, comprising: a liquid crystal panel having gate and data lines which define sub-pixel regions; gate driving integrated circuits for driving the gate lines; and a plurality of data drive integrated circuits arranged on one side of the liquid crystal panel, each of the data drive integrated circuit having “m” (m is natural number) number of channels, wherein $(3n-1)$ th (n is natural number) channels for each data drive integrated circuit are floating.

The invention can be applied to 1024 by 1024 liquid crystal panels to achieve a diverse inversion driving method to increase application range of the panel.